

# PANDÆMONIUM

## TECHNICAL REQUIREMENTS

Somewhere between everyday experience and a fever dream, to the left of the Mojave Desert, under burnt-out telephone lines, empty swimming pools and unfinished suburban developments is a place called *Pandæmonium*.

This cinematic dance-theater concert explores the fear and enticement embedded in the American desert landscape, taking on questions of separation and connection in today's world. Choreographer Nichole Canuso and physical theater performer Geoff Sobelle perform on opposite sides of the stage; yet they come together cinematically on an abandoned movie screen built into the theater. A sweeping musical score played live and an interactive video design conjure an American landscape that endlessly dissolves into the sunset.

Both performers will be filmed simultaneously, and their live feeds will be cinematically overlaid to form a composite of the two settings and the performances taking place within them.

The two settings are incongruous, illogical and incomplete in physical space— yet fit together like puzzle pieces to form a coherent location. The performers will fall in and out of interaction as their individual solos fuse into this virtual duet on-screen, which itself fuels the creation of a live, semi-improvised score.

All three spaces are visible to the audience members simultaneously, giving them the ability to scan across the three scenarios as they fall in and out of alignment with one another.

The performance is approximately 75 minutes long.

The Company will tour with a Lighting Supervisor, Production Manager/Technical Director, Stage Manager, 1 female and 1 male performers, 1 male performing musician, a scenic/props designer, a video designer/programmer, and a director.

The Production Manager/Technical Director is Robert Edmondson  
303-519-1764  
r.edmondson.jr@gmail.com

Pandæmonium tours with the following:

- Furniture
- Hand Props
- Costumes
- Video Equipment

Please see following sections for further details.

Other elements needed for the production will be supplied by each presenter, subject to venue details.

## **SCENIC**

See attached scenic renderings for specific detail

### **PANDÆMONIUM Provides:**

Three reinforced dining room-sized tables

Three beach chairs

One Cooler

Two Black Stools

Three Red Chairs

One Grill

Set Dressing and hand props (vases, flowers, 3 teacups)

Patch of fake Grass

Projection Screen

Structure for Projection Screen

8 Printed Backdrops w/ top and bottom pipe, additional hardware/material is required to execute a lateral stretch on the fabric— discuss with TD/PM.

1 Rope swing/pendulum rigged and usable by performers

Swing must be rigged to a rigid point in the grid that does not interfere with the projector

While Pandæmonium provides the rope and pendulum Presenter must provide a safe rigging point from which the rope can swing.

The pendulum swings largely in a plane from Stage Left to Right, but needs to have a safe distance between it and audience.

The pendulum swings roughly 12' side to side at its low point.

2 Mannequins

### **PRESENTER PROVIDES:**

Necessary rigging hardware and tieline

1 Large Industrial fan that must be controlled by a dimmer. (See Light Plot for further information.)

**Note:**

## **LIGHTING-**

See attached lighting plot for specific detail, lighting will be adapted on a per venue basis. Plot is designed to work within 96 Dimmers and using about 120 instruments.

### **PANDÆMONIUM PROVIDES:**

1 hanging lamp (practical)

### **PRESENTER PROVIDES:**

Instruments specified on provided lighting plot

One roving boom base

Should have two par cans attached that emulate a car's headlights

Pandæmonium does not travel with casters or boom pipe

The boom needs to have enough cable to move from USC to DSR and back safely, and being moved by a performer  
Photos of one solution attached  
(or acceptable substitutes APPROVED BY DESIGNER)

**WE REQUIRE THE THEATRE'S LIGHTING INVENTORY AND DRAWINGS OF THE SPACE AT LEAST 60 DAYS BEFORE WE ARRIVE AT THE VENUE**

NB: The Company will not use an existing rep plot.

The Company will provide the Presenter with a light plot and hanging schedule indicating all lighting locations. The Presenter must provide a fully operating lighting system, assembled, hung, circuited, colored and tested as specified in the light plot and other supporting paperwork. Any substitution of equipment or any change in placement of equipment must be approved by the Company Production Manager/Technical Director.

Color, positions, and units will vary depending on the theater.

The Company does not travel with color filters (gel). Should the requested color filters not be available locally, the presenter can ask the company to bring it, but must negotiate payment or reimbursement with the company.

In addition, the presenter must provide:

- The lighting console must be one of the following: ETC ION, ETC EOS, ETC GEO.
- During technical rehearsal, the console or RVI with remote monitors must be placed in the center of the audience. A highly experienced board operator, who is familiar with all aspects of the console operation, is required for load-in and all technical rehearsals. During performances, the console is to be located in the booth. The company's Stage Manager or an experienced board operator runs the board during performances.
- A minimum of one personnel lift, ladder or similar device with wheels, able to reach the overhead lighting units EXCLUSIVELY FOR USE BY LIGHTING. Additionally provide 1 ladder to reach 8' to focus booms and/or goalposts, as well as any necessary ladders to focus front-of-house lighting positions.
- Running lights offstage as necessary.
- Provide all color media.
- While the total number of dimmers will vary this plot typically requires at least 96.
- Cinefoil, black tack, clothes pins and/or binder clips should be in stock and available for use masking lighting spill.

**AUDIO** Pandæmonium travels with a Composer/Performer, who is not a traditional sound designer. As such, PRESENTER needs to provide a basic sound system described below, and a Sound Operator capable of assisting the Composer with tuning and tech notes (See attached Sound plot for specific detail).

**PANDÆMONIUM PROVIDES:**

Composer/Performer's equipment:

- Laptop
- Soundcard
- Small stage mixer
- Playback cues in Qlab 3 format
- House console file for Yamaha CL/QL consoles

**PRESENTER PROVIDES:**

Minimum load-in and setup audio crew of 2 people.

Team should be capable of rigging and patching all audio elements per attached plans and in coordination with production team.

Cheerful and experienced audio engineer capable of QLab, Yamaha, midi and OSC programming, as well as live mixing of amplified performances. This individual must be one of the two set-up crew above, and not sub out of any rehearsals or performances without permission of Pandæmonium production manager.

Equipment specified on attached sound plot (or acceptable substitutes APPROVED BY DESIGNER), summarized below:

<b>Audio Equipment List</b>			
<b>Mixers</b>			
1	Yamaha CL or QL series console		v.4 firmware or above
<b>Loudspeakers and Amplifiers</b>		<b>(appropriate to venues up to 250 seats)</b>	
2	Meyer UPQ or equivalent, 15-inch two-way biamplified main loudspeakers		Flown, quantity, type, and dispersion pattern dependent on venue, please discuss in advance!

	2	Meyer 500HP or equivalent subwoofers		
	2	Meyer UPJ or equivalent 10-inch two-way loudspeakers		Stage sidefills
	1	Meyer UPJ or equivalent 10-inch two-way loudspeaker		Monitor wedge
<b>Microphones</b>				
	2	Shure SM58 main stage vocal mics with straight round base stands and boom arms		Should sound as-new and look great
	1	Shure SM58S or equivalent switched mic		SM talk mic
<b>Computers</b>				
	1	Current Apple Mac with QLab3, Production Bundle or all Audio/Midi licenses		Please supply minimum 19-inch LCD display, WIRED keyboard and mouse
	1	Multichannel soundcard with midi		Must have 8 balanced analog outputs and midi I/O, or Dante Virtual Soundcard plus separate midi I/O
<b>Miscellaneous</b>				
	1	2-channel ClearCom or equivalent wired intercom system		Main or remote station at SM position, wired belt packs at FOH Sound, LX, Video, and SR and SL, provide additional wired belt packs for designers during any rehearsals

1	Lot audio, video, speaker, midi cables and any adapters to hook-up equipment per attached plans.		Equipment should be hung, circuited, and rung out in advance of company's arrival
			NB: Console, QLab, and midi programming are specific, and inflexible. Systems must be patched EXACTLY as described on the attached plans. Please discuss any questions or concerns about the patch with designer in advance.
1	Paging and show relay system for dressing rooms and production areas		

## **VIDEO**

Pandæmonium travels with an Assistant Video Designer who is responsible for operating video playback during performances. Due to specificity in blocking and other staging requirements, utmost precision in placement of cameras and projector is required. See attached video plot for specific details regarding camera and projector placement.

### **PANDÆMONIUM PROVIDES:**

Computer with which to run show with show media and programming therein  
 Video capture equipment  
 2 Blackmagic Studio cameras with mounting hardware and accessories  
 Custom camera control unit  
 8-port Gigabit Network  
 Switch  
 350' of SDI cable for cameras  
 200' Cat5 Cable for CCU (We technically still need a black cable)

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- Video capture equipment
- 2 Blackmagic Studio cameras with mounting hardware and accessories Custom camera control unit
  
- 350' of SDI cable for cameras (**we need to purchase a few SDI cable spares!**)
  
- 200' Cat5 Cable for CCU (**We still need to purchase this cable!**)
  
- **Video System Control Surface (this is currently coming from my personal gear, show should purchase one)**
  
- 8-port Gigabit Network Switch (**this one is currently coming from my personal gear, show should purchase one**)
  
- **Small Cat5 cable stock for FOH systems integration (this is currently coming from my personal gear, show should purchase one)**

**PRESENTER PROVIDES:**

- **Christie WU12K-M WUXGA 3DLP Projector with 0.67:1 short throw lens (ILS Lens 0.73:1 SX+/0.67:1 HD) and M Series Ceiling Mount**

- <https://www.christiedigital.com/en-us/business/products/projectors/3-chip-dlp/m-series/christie-WU12K-M-DLP-Digital-Projector>

- <https://www.christiedigital.com/en-us/products/accessories/0731SX-0671HD-ILS-Lens-118-100110>

- <https://www.christiedigital.com/en-us/products/accessories/MSeries-Ceiling-Mount-118-100108>

- Necessary rigging equipment, labor, and hardware for hanging projector. The Christie M Series Ceiling Mount requires a schedule 40 threaded pipe of the appropriate length (TBD).

- Cable run for projector: 1080p60 signal from DVI source at FOH (Presenter must secure a DVI to 3G-HD-SDI converter (and appropriate length of 3G-SDI cable) or DVI over fiber system to make the run from the FOH position to the projector position (typically about 100' to 150' depending on the size of the house).

- Necessary power for Projection Position and Video FOH Position

- Rigid rigging of booms for cameras (two pipes cheeseboroughed to the USR and USL booms at 4'-6" so the camera lenses land at 5'-0")
- One (1) 24" HD monitor with DVI or HDMI input for FOH
- **One (1) 55" or 65" Television monitor with DVI or HDMI input for Performer Monitor during rehearsals and tech**
- **Sufficiently long HDMI cable to feed Performer Monitor (Downstage Center) from the Video FOH position**
- Any additional lengths of cable and adapters required to run show.

### **WARDROBE**

#### **PANDÆMONIUM PROVIDES:**

- 1 Dress
- 1 shirt
- 1 pair of pants
- 2 wigs

#### **PRESENTER PROVIDES:**

Wardrobe person to provide laundry services for all costumes for the extent of the engagement. Costumes must be washed prior to every performance using scent-free detergent. Production Management will discuss the details of laundry maintenance.

### **DRESSING ROOMS & AMENITIES**

#### **PRESENTER PROVIDES:**

2 single dressing rooms, or 1 small and 1 large dressing room in close proximity to the stage with or near a bathrooms.

Production office with access to phone, printer, and internet

Wireless internet access for 10 people

Presenter, please supply bottled water (without gas/carbonation) for the entire duration of engagement. Ideally not in small (wasteful plastic bottles).

Company access to a microwave and refrigerator

### **PLAYING SPACE**

A clean, safe playing space at least 52' wide by 33' deep and a minimum of 18'6" high must be provided.

There is no marley required for Pandæmonium

The floor must be smooth and safe with no nails, staples, screws, wooden shards or splinters, or any other item that ay cause harm to bare feet.

The ability to screw into the floor is greatly preferred.

#### **NOTE:**

performers are barefoot

performers roll around and use the floor space

**IT IS IMPERATIVE THE SURFACE OF THE PLAYING SPACE IS SMOOTH AND SAFE**

### **LOAD IN SCHEDULE AND STAFFING**

The presenter needs to provide a technical crew of trained professionals who are familiar with the venue. All expenses for labor, including any necessary overtime and penalties incurred are the sole responsibility of the presenter. Presenter is to work in

close collaboration with the production manager to adequately fulfill the staffing and scheduling needs.

Pandæmonium requires 20 hours, minimum, to load-in prior to first rehearsal.

There must be no other activity or rehearsals in the playing space during load-in or tech of the show.

All lighting instruments must be pre-hung, wrung out, and dimmers patched prior to the arrival of the company.

Below is a sample schedule and staffing requirements. The schedule will be adapted on a per venue basis. All questions should be directed to the production manager and all changes and/or alterations must be negotiated and in writing from production manager no less than 10 days prior to the arrival of the company.

### **SAMPLE SCHEDULE**

#### **Day 1**

10:00am TD/PM in space

10:00am-2:00pm Lighting Pre-hang/Load-in and Rigging

3 riggers/carpenters

3 electricians

2:00pm-3:00pm Lunch Break

3:00pm-7:00pm Scenic/Lighting Load-in

3 riggers/carpenters

3 electricians

7:00pm-8:00pm DINNER

7:00pm-10:00pm Continued work

2 electricians

#### **Day 2**

10:00am Company Arrival

10:00am-2:00pm Continued work

4 electricians/carpenters

2:00pm-3:00pm Lunch Break

3:00pm-7:00pm Continued work

2 general stagehands

#### **Day 3**

10:00am-2:00pm Tech

2:00pm-3:00pm Lunch

3:00pm-6:00pm Tech notes

6:00pm-7:00pm Dinner

7:00pm-10:00pm Rehearsal/Dress run

#### **Day 4**

10:00am-6:00pm Rehearsal

1 Lightboard Operator

1 Audio Engineer

7:00pm Show

**Day 5**

Rehearsal and Performance Day  
(See day 3)

**LOAD OUT AFTER FINAL PERFORMANCE**

3 Stage Technicians  
2 Electricians  
1 Wardrobe

**NOTES:**

- Pandæmonium requires a light board operator and Sound Engineer for all rehearsal shows. Video operator is provided.
- Costumes require washing every morning in preparation for each evening performance

**PANDÆMONIUM**

Co-Creators: Nichole Canuso, Lars Jan, Geoff Sobelle

TD: Robert Edmondson

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